

# ENERGY STAR® Fast Facts



## Fast Facts about ENERGY STAR Qualified Roof Products

- Building owners alone spend approximately \$40 billion each year to air condition their facilities. ENERGY STAR qualified roof products reduce the amount of air conditioning needed in homes or buildings and can reduce accompanying energy bills by up to 50 percent.
- As a home or building owner, choosing ENERGY STAR qualified roof products will help you stay comfortable, reduce energy consumption, save money, and help the environment.
- ENERGY STAR qualified roof products reflect solar energy and prevent a significant portion of it from entering a home or building, thereby reducing the amount of electricity needed to run air conditioning and maintain indoor comfort. An ENERGY STAR qualified roof product can reduce peak cooling demand by 10 - 15 percent.
- In some instances, by installing an ENERGY STAR qualified roof product, a home or building owner might be able to purchase a smaller, more efficient, and less-expensive cooling system.
- Non-reflective roof products cause the temperature of the air passing over them to rise, resulting in an increase in the overall temperature of the area, also known as a “heat island effect.” The elevated temperature leads to increased building and vehicle air conditioning demand, increased levels of smog, and the associated increased incidence of heat- and smog-related health problems. Because they reflect a large portion of the sun’s energy before it is converted to heat, ENERGY STAR qualified roof products lower the surrounding air temperature, decrease cooling demand, and reduce the amount of smog in the air.